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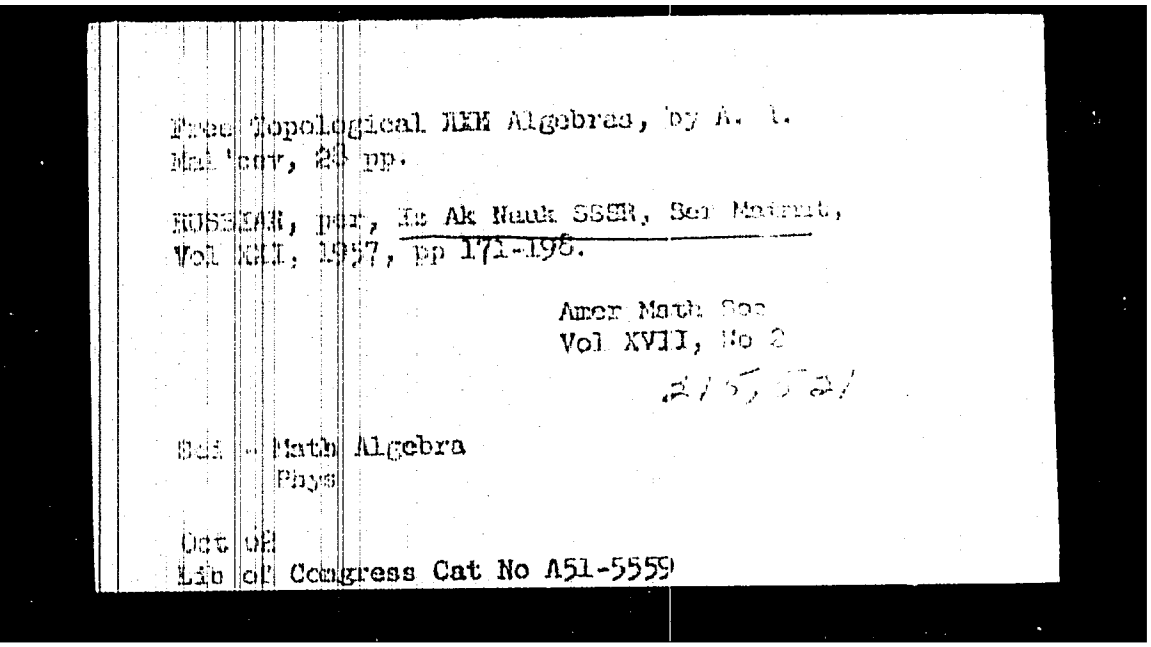

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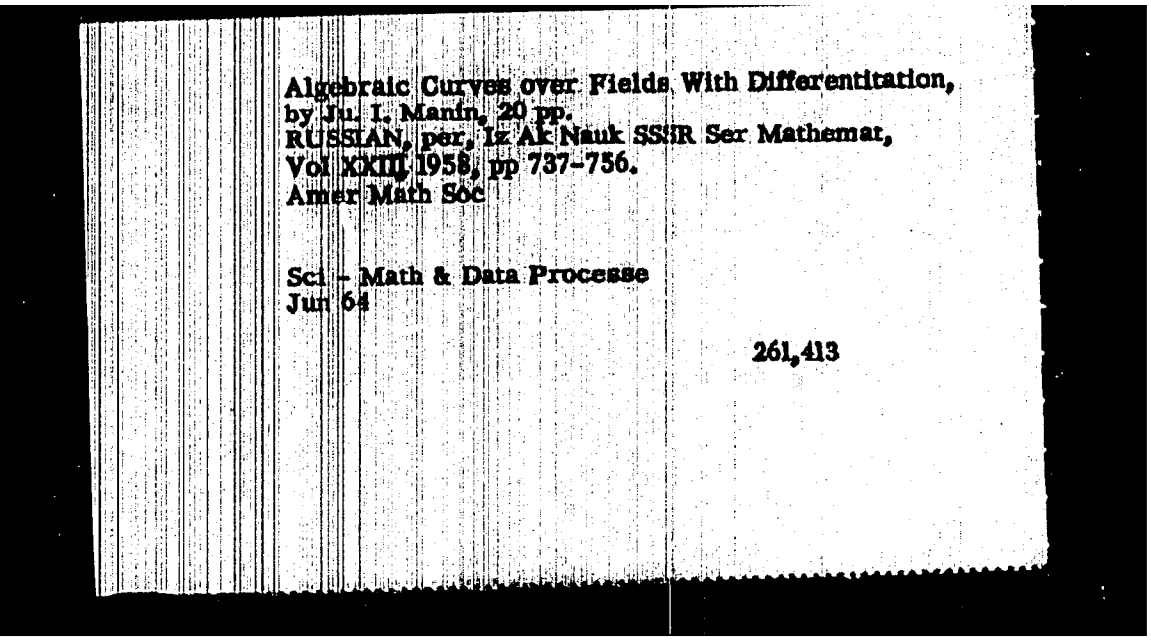

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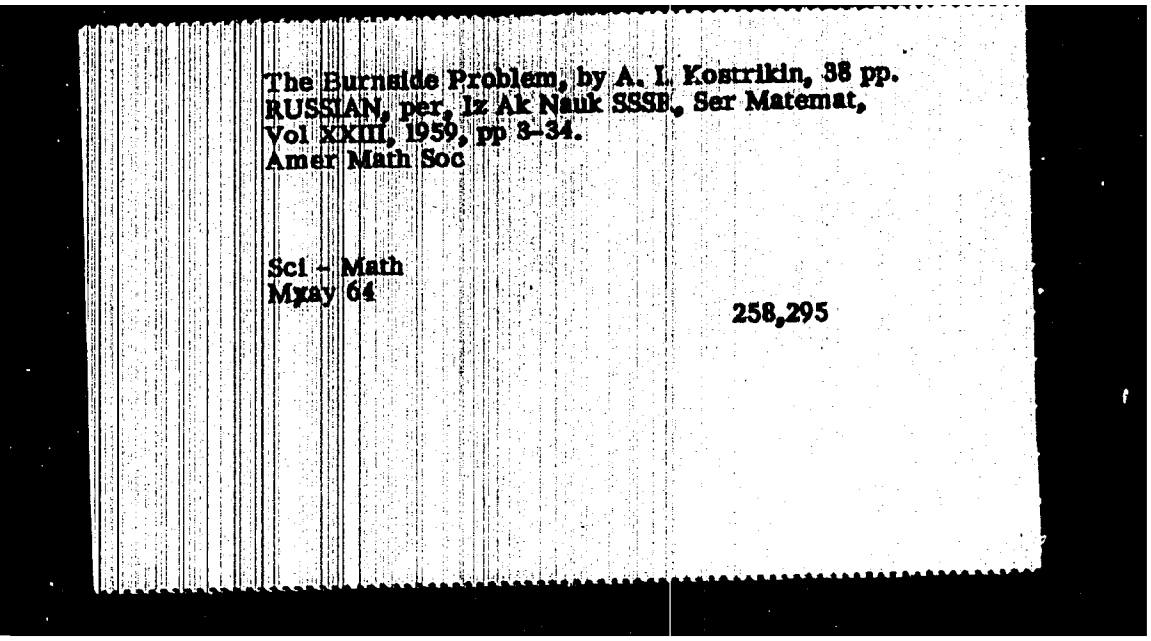

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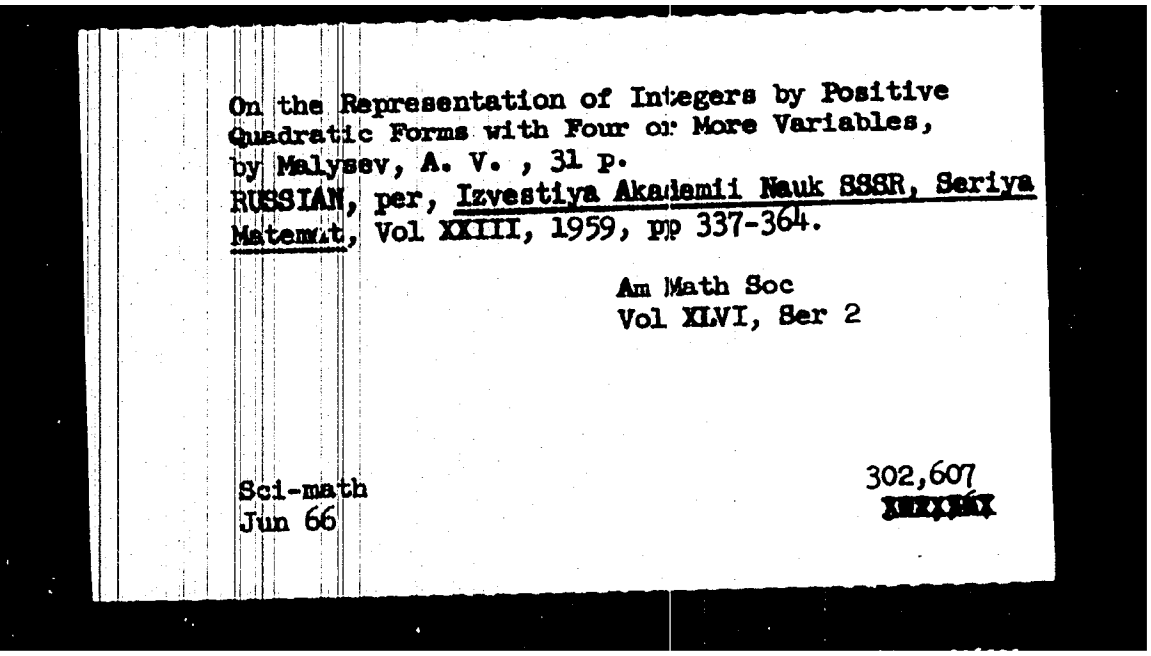

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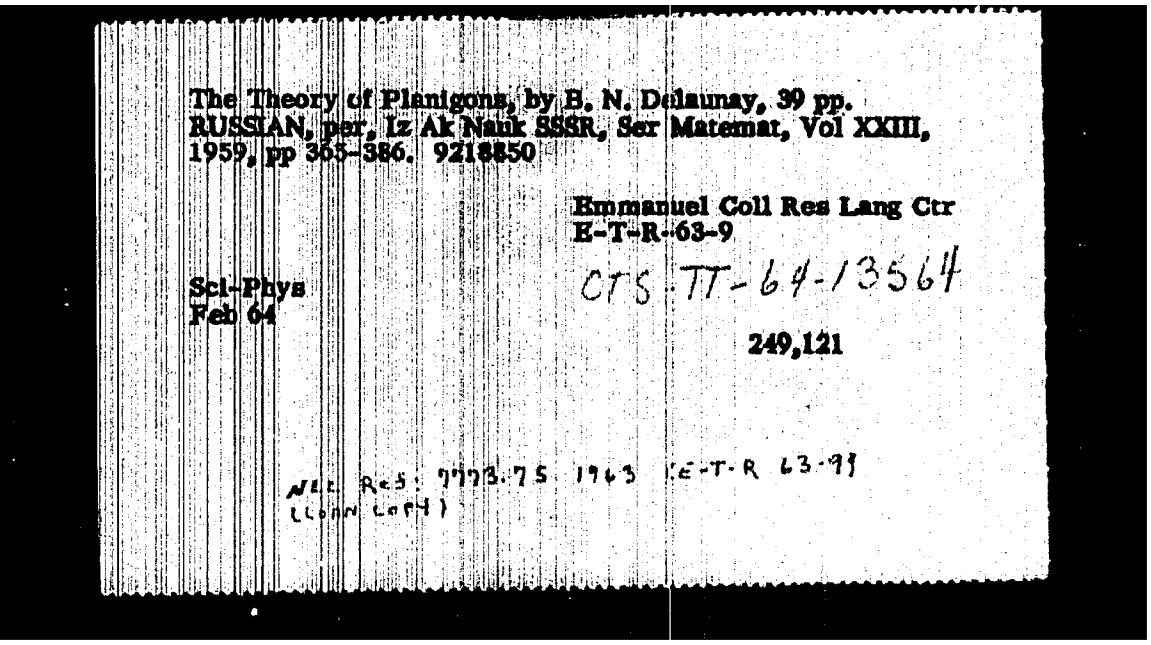

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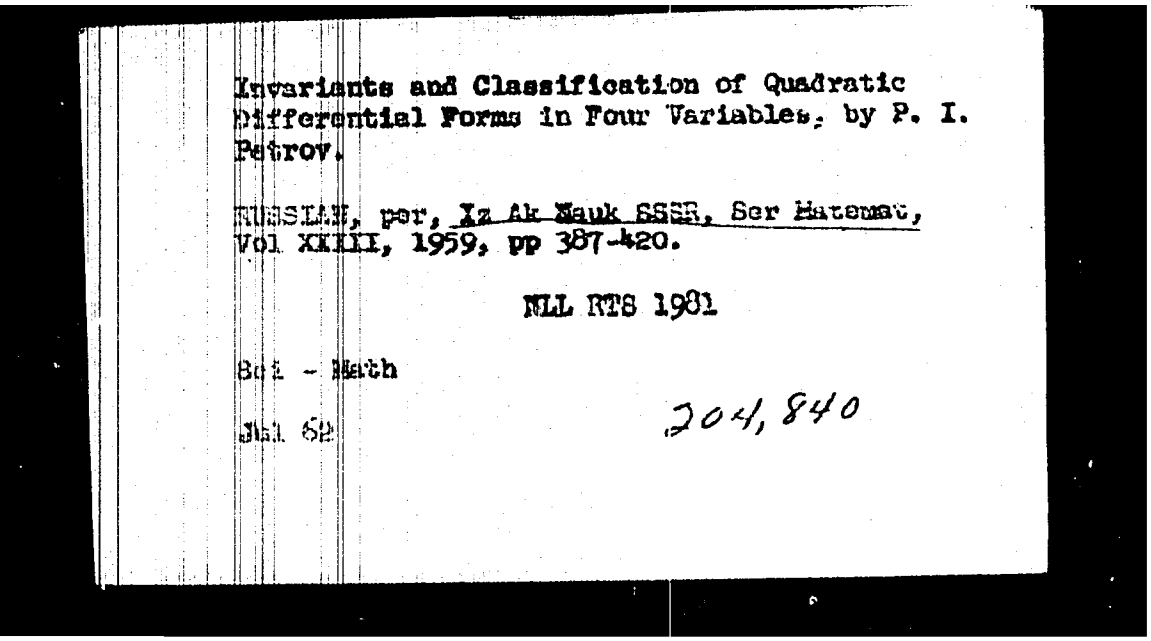

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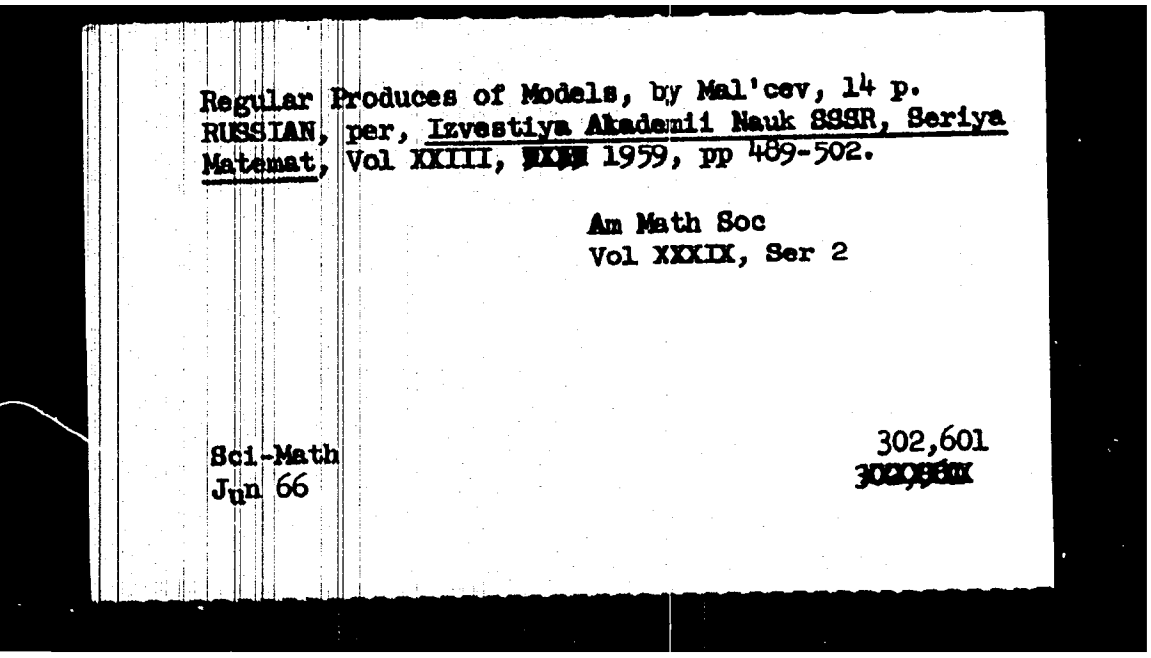

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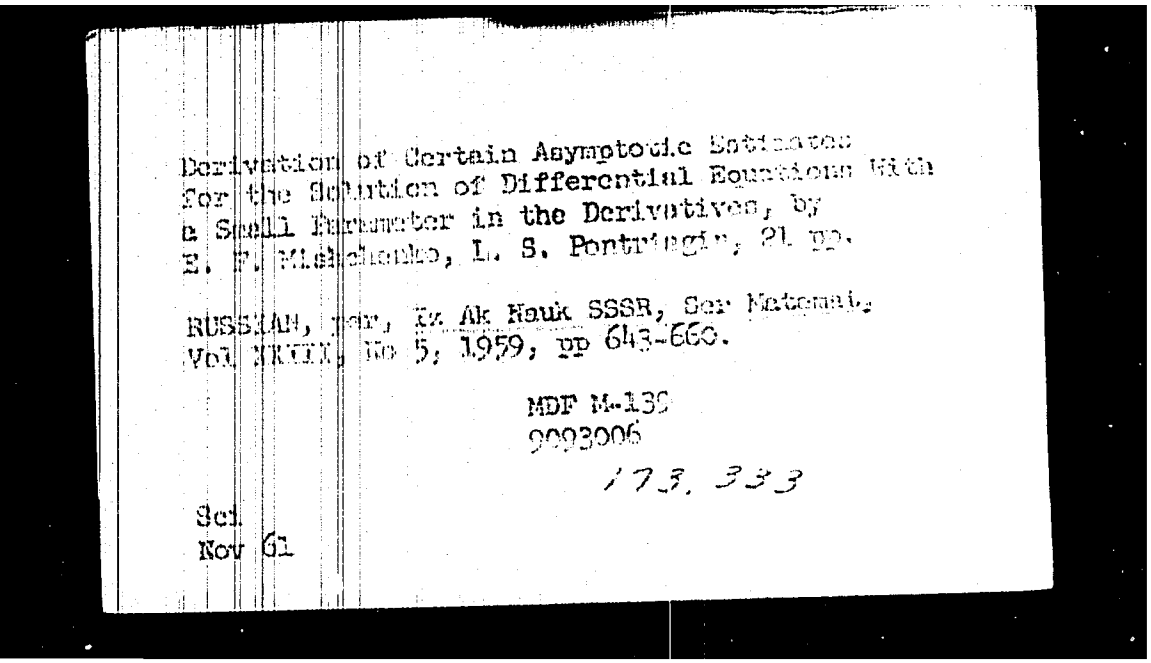

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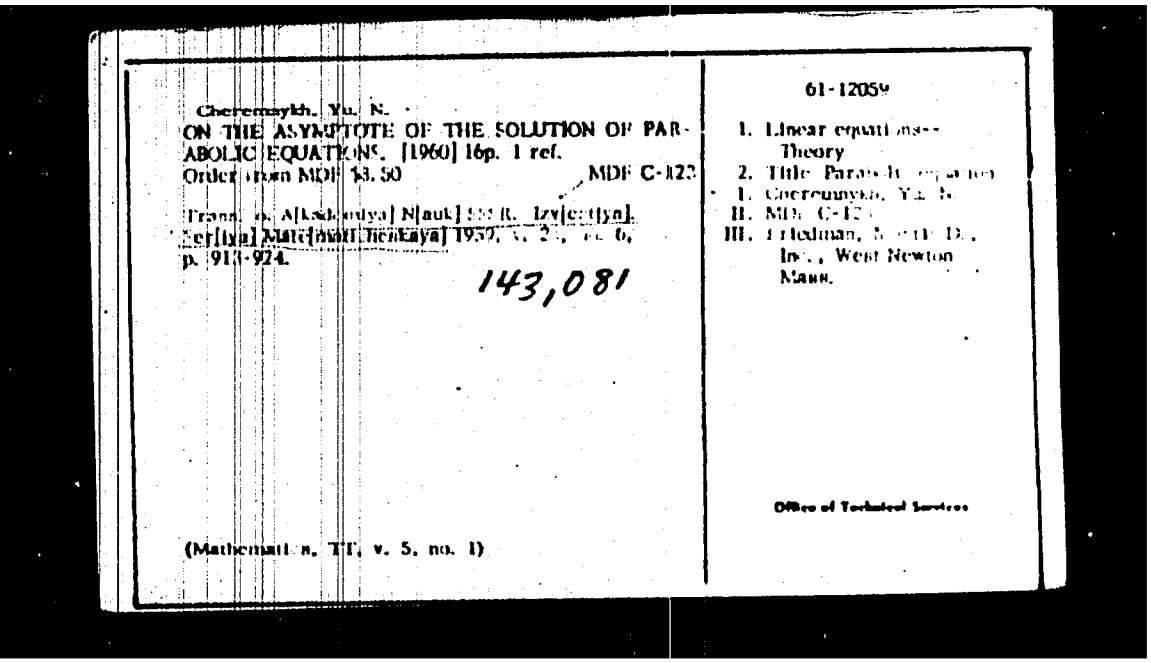

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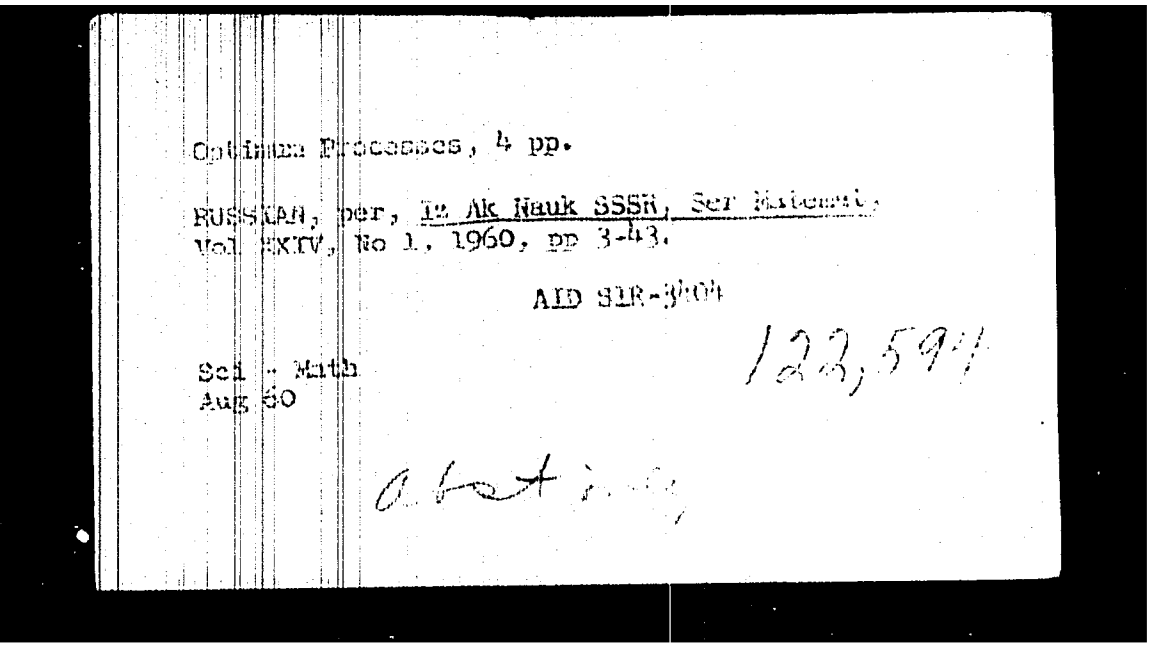

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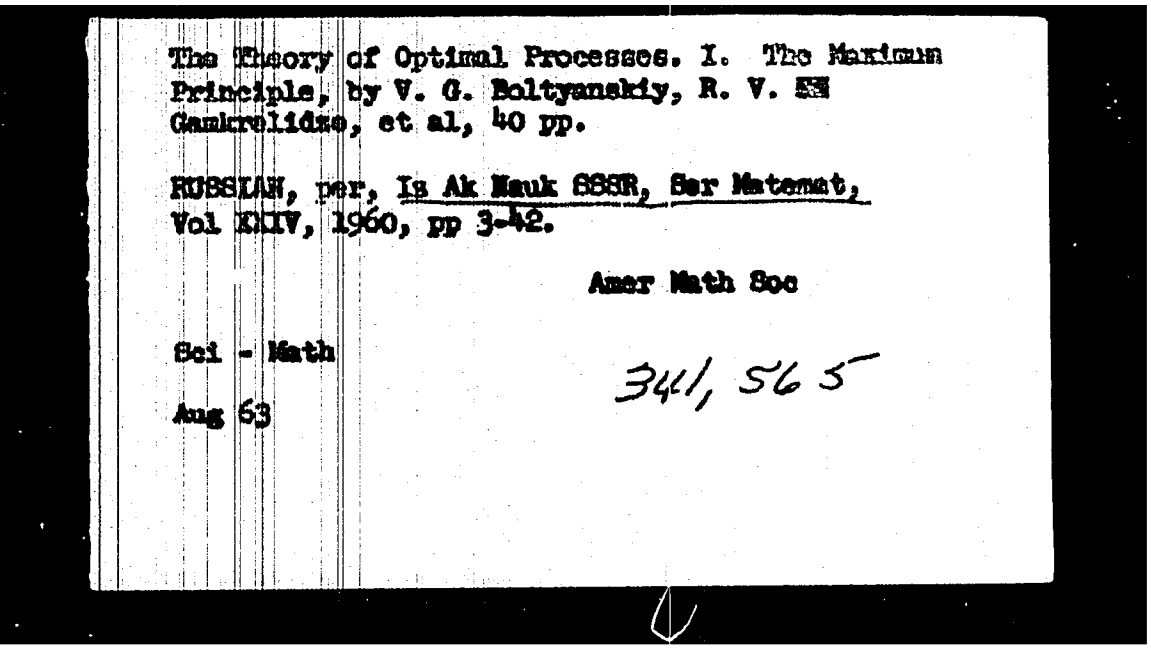

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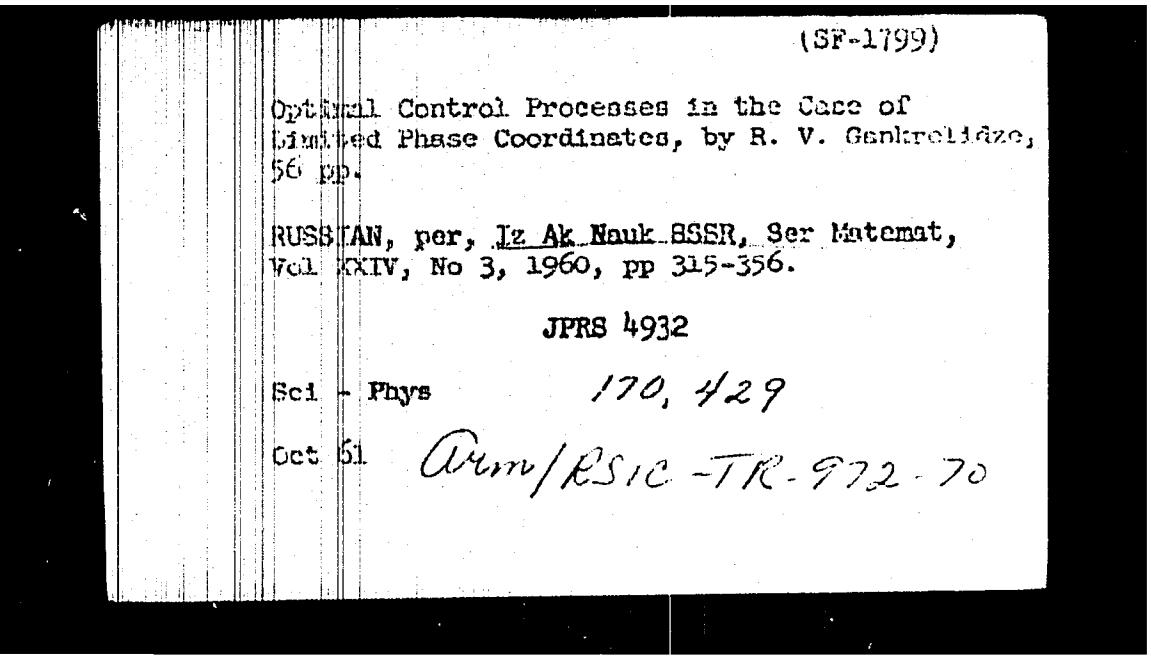

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Projectivities of Modules, by L. A. Skornjakov,
12 p.
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Anosov, D. V.
THE AVERAGING IN SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS WITH RAPIDLY OSCILLATING SOLUTIONS. [1961] [37]p. 6 refs.
Order from OTS or SLA $3.60 61-16454

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Matematicheskaya, 1960, v. 24 [no. 5] p. 721-742.

DESCRIPTORS: *Differential equations, Complex variables, Numerical analysis.

A system of ordinary differential equations is discussed, where the derivatives of the "rapidly-oscillating" variables are included with a small parameter, ε. "Averaged" equations are introduced, which describe, approximately, the variation of the slowly varying variables. It is shown that, as $\varepsilon \to 0$, these variables, computed from the initial system of dif-
(Mathematics, TT, v. 7, no. 9) (over)

61-16454

I. Anosov, D. V.

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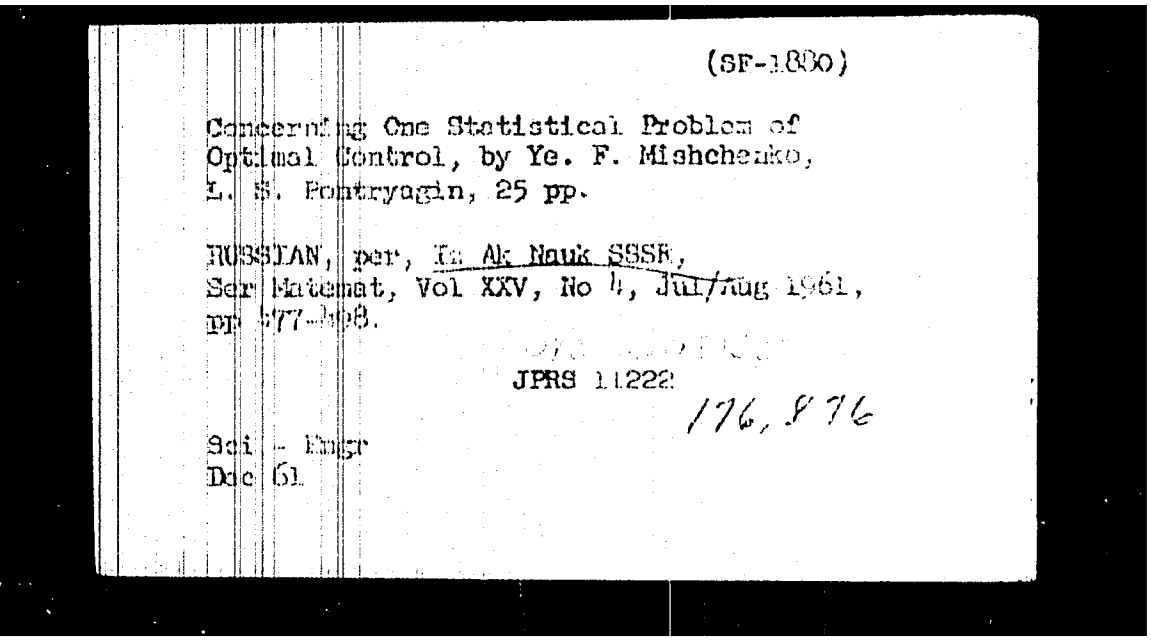

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Vol XXVI, 1962, pp 911-924.
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On the Number of Integral Points in a Three-Dimensional Region, by I. M. Vinogradov, RUSSIAN, per, Izv. Ak Nauk SSSR, Seriya Mat., Vol XXVII, 1963, pp 3-8.
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Latysheva, T. S.
THE LINEAR VARIATION IS THE LENGTH OF THE CURVE. [1963] [10p] 2refs
Order from OTS or SLA $1.60 63-18709

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Matematicheskaya, 1963, v. 27 [no. 1] p. 61-66.

DESCRIPTORS: *Measure theory, Equations, Mathematics, *Differential geometry, Topology.

It is demonstrated in the present paper that for sufficiently simple sets (smooth arcs) the linear variation of the set and its length are coinciding with an accuracy to the normalization. (Author)

(Mathematics, TT, v. 10, no. 11)

63-18709

I. Latysheva, T. S.

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Bounded Homogeneous Domains in n-dimensional Complex Space, by I. I. Pjateckii, 21 p.
RUSSIAN, per, Izvestiya Akademii Nauk SSSR, Seriya Matemat, Vol XXVI, 1962, pp 107-124.

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On the A-integration of a Sunction which is Conjugate to a Sumable Punction, by I. A. Vinogradova,
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Asymptotic Behavior of the Spectral Function of the Schrodinger Operator Near a Plane Part of the Boundary, by M. G. Gasymov, 30 p.
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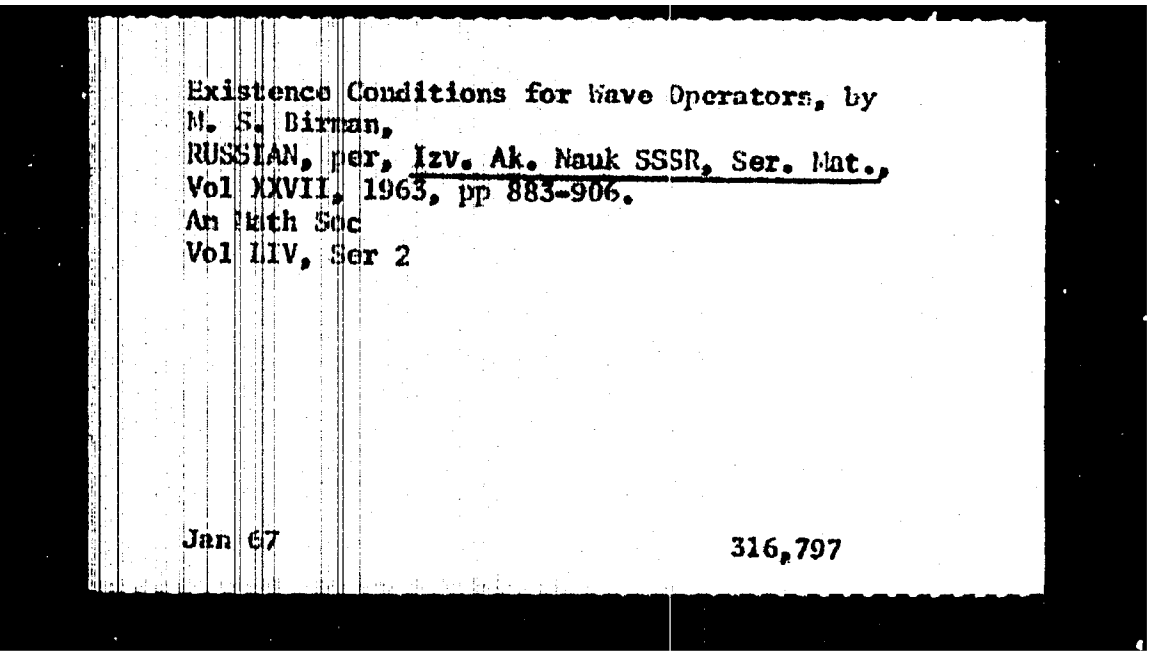

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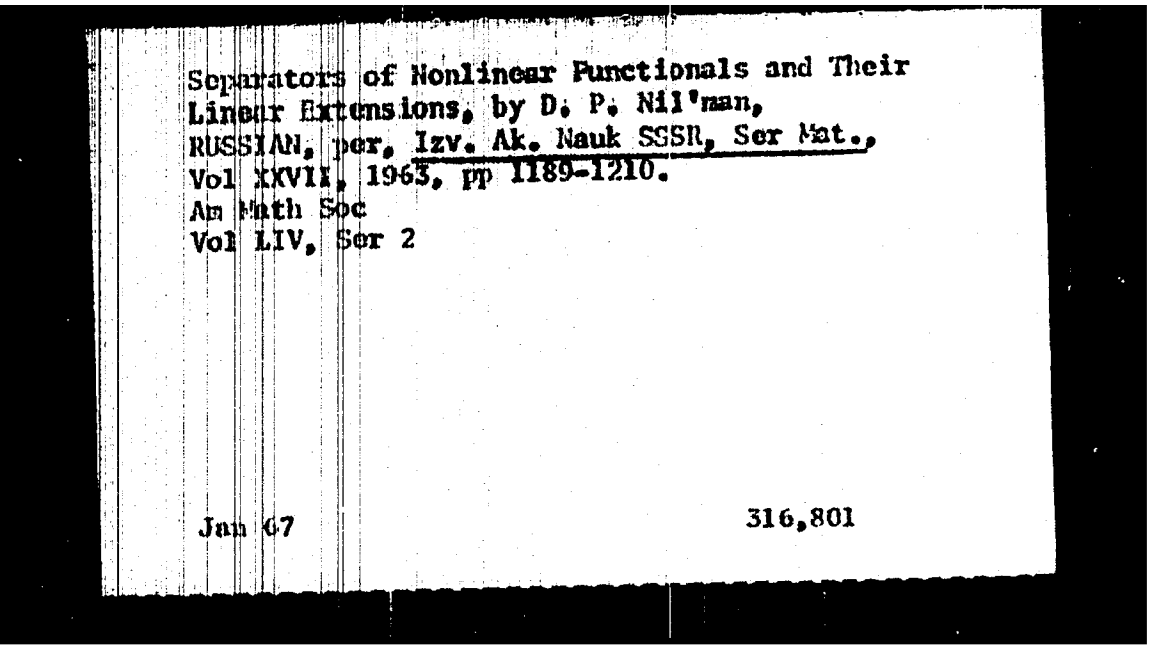

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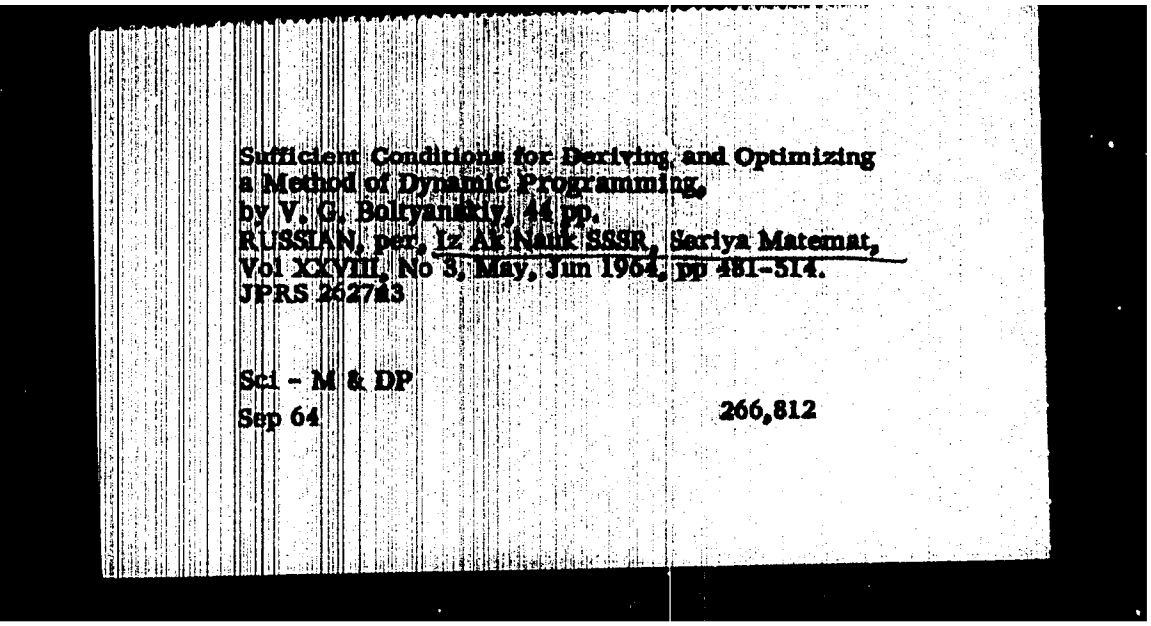

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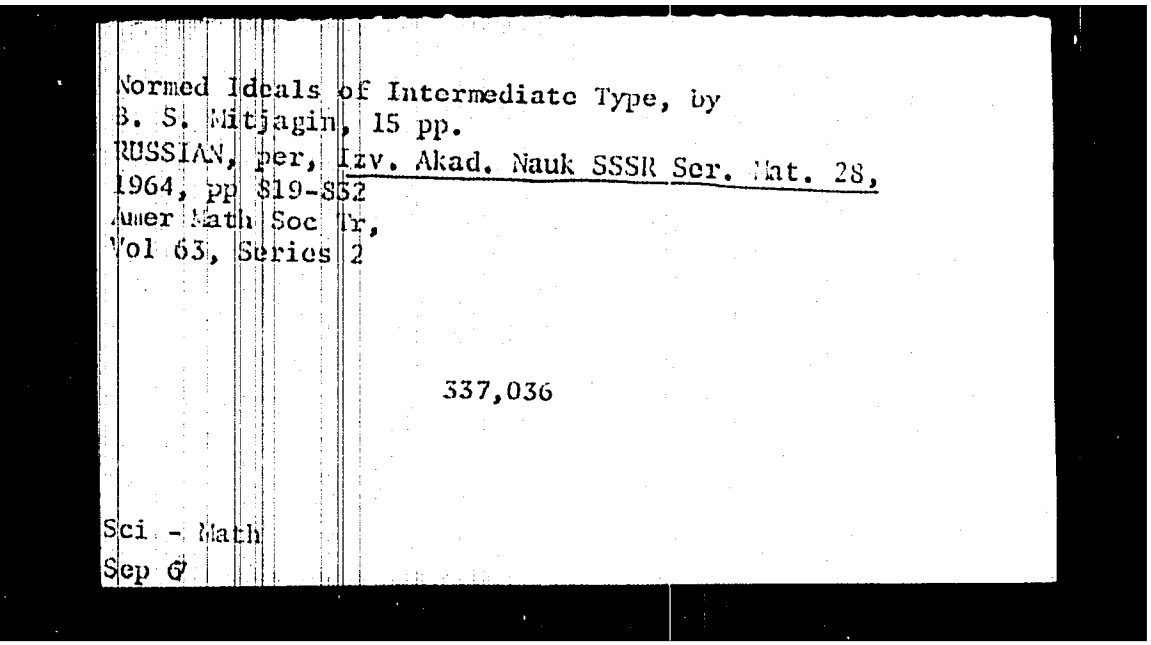

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